

10/572,610

1-14. (CANCELED)

15. (CURRENTLY AMENDED) A shifting device for shifting a transmission, the shifting device comprising:

an axially slidable shifting shaft (2) [[with]] supporting a plurality of shifting forks (8, 10, 12, 14) which are each one of axially slidable thereon relative to the shifting shaft (2), when the shifting fork (8, 10, 12 or 14) is blocked, and carried axially along with the shifting shaft (2), when the shifting fork (8, 10, 12, 14) is selected, for carrying out a desired shift;

a selection apparatus (28, 30, 32, 42, 44, 46) for selecting a desired one of the plurality of shifting forks (8, 10, 12, 14) for carrying which moves axially along with the shifting shaft (2) and carries out the desired shift; and

at least one blocking apparatus (52) for preventing movement of non-selected shifting forks (8, 10, 12, 14) while allowing axial movement of the selected desired one of the plurality of shifting forks (8, 10, 12, 14) along with the shifting shaft (2);

wherein elements (2, 8, 10, 12, 14, 20, 22) for carrying out the shift are manufactured from a material [[with]] which has a relatively high structural strength while elements of the selection apparatus (28, 30, 32, 42, 44, 46) and the at least one blocking apparatus (52) are manufactured of a material having which has a less structural strength than the elements (2, 8, 10, 12, 14, 20, 22) for carrying out the shift.

16. (CURRENTLY AMENDED) The shifting device according to claim 15, wherein the selection apparatus includes, for each of the plurality of shifting forks (8, 10, 12, 14), a ring-shaped engagement unit (28, 30, 32) which is axially affixed with the respective shifting fork (8, 10, 12, 14) and is slidable [[on]] with the shifting shaft (2) for carrying out the shift, each of the ring-shaped engagement units (28, 30, 32) is rotatable about the shifting shaft (2) for selection of the desired one of the plurality of shifting forks (8, 10, 12, 14) and [[have]] has elements of a come-along apparatus (20, 22) [[,]] which enables axial displacement of the ring-shaped engagement units (28, 30, 32) [[by]] with axial movement of the shifting shaft (2) for carrying such that the selected one of the shifting forks (8, 10, 12, 14) carries out the desired shift.

0000-757 mm

- 2 -

10/572,610

17. (CURRENTLY AMENDED) The shifting device according to claim 15, wherein ring-shaped engagement units (28, 30, 32) on the shifting forks (8, 10, 12, 14) react interacts with the at least one blocking apparatus[[es]] (52) for preventing axial movement of non-selected shifting forks [[on]] with the shifting shaft (2).

18. (CURRENTLY AMENDED) The shifting device according to claim [[15]] 16, wherein the at least one blocking apparatus includes rotatable blocking disks (52), the rotatable blocking disks (52) have a circumferential surface which is located in an axial movement zone of the ring-shaped engagement units (28, 30, 32) and extends inward, a contour of the rotatable blocking disks (52) is designed as segments (54) of the blocking disks (52) to permit axial movement of the ring-shaped engagement units (28, 30, 32) [[on]] with the shifting shaft (2), while other remaining areas of the blocking disks (52) prevent axial movement of the ring-shaped engagement units (28, 30, 32).

19. (CURRENTLY AMENDED) The shifting device according to claim 15, wherein contoured disks (20, 22) possesses cutouts (24) for ring-shaped engagement units (28, 30, 32), which co-act with projections (16, 18) on the shifting shaft (2) in such a manner that the projections (16, 18) penetrate pass through the cutouts (24), if a corresponding one of the plurality of shifting forks (8, 10, 12, 14) is not shifted-selected, and the projections (16, 18) abut and push the contoured disks (20, 22) axially, if selected the shifting fork (8, 10, 12, 14) is displaced selected.

20. (CURRENTLY AMENDED) The shifting device according to claim 15, wherein elements of the selection apparatus (28, 30, 32, 42 and 46) possess have teeth (36, 38, 40) which mutually mesh and enable a rotation of the elements of the selection apparatus (28, 30, 32, 42, 44, 46) with respect to each other.

21. (CURRENTLY AMENDED) The shifting device according to claim [[15]] 16, wherein only a portion of each of the ring-shaped engagement units (32) has teeth (36).

22. (CURRENTLY AMENDED) The shifting device according to claim 18, wherein an area of the blocking disks (52), designed as a cutout (54), possess have teeth which mesh with teeth of [[a]] the ring-shaped engagement units (28, 30).

10/572,610

23. (PREVIOUSLY PRESENTED) The shifting device according to claim 15, wherein the elements (2, 8, 10, 12, 14, 20, 22) for carrying out the shift are constructed from one of steel and aluminum.

24. (PREVIOUSLY PRESENTED) The shifting device according to claim 15, wherein the elements (28, 30, 32, 42, 44, 46) of the selection apparatus are manufactured from one of aluminum and plastic.

25. (PREVIOUSLY PRESENTED) The shifting device according to claim 15, wherein the blocking apparatus (52) is constructed from one of aluminum and plastic.

26. (CURRENTLY AMENDED) The shifting device according to claim 15, wherein [[an]] a shaft actuator (60) is provided for axial activation of the shifting shaft (2) and ~~an additional~~ a selection actuator (48) is provided which activates the elements (28, 30, 32, 42, 44, 46) of the selection apparatus and the blocking apparatus (52).

27. (CURRENTLY AMENDED) The shifting device according to claim 26, wherein a transmission unit (58) is provided for ~~setting a ratio of a converting~~ rotational movement of the shaft actuator (60) ~~which activates the shifting shaft (2)~~ upon an into axial movement of the shifting shaft (2) and activating the shifting shaft (2).

28. (CURRENTLY AMENDED) The shifting device according to claim 26, wherein the shaft actuator (60) and the selection actuator (48) are each one of an electro-mechanical actuator~~[[s]]~~, a pneumatic actuator~~[[s]]~~, and a hydraulic actuators are provided.

29. (NEW) A shifting device for shifting a transmission, the shifting device comprising:

an axially slidable shifting shaft (2) supporting a plurality of shifting forks (8, 10, 12, 14), each of the shifting forks (8, 10, 12, 14) is axially slidable relative to the shifting shaft (2), when the shifting fork (8, 10, 12 or 14) is blocked, and is carried axially along with the shifting shaft (2), when the shifting fork (8, 10, 12, 14) is selected, for carrying out a desired shift;

10/572,610

a selection apparatus (28, 30, 32, 42, 44, 46) for selecting a desired one of the plurality of shifting forks (8, 10, 12, 14) to move axially along with the shifting shaft (2) and carry out the desired shift; and

a plurality blocking apparatus (52) for preventing axial movement of non-selected shifting forks (8, 10, 12, 14) while allowing axial movement of the selected desired one of the plurality of shifting forks (8, 10, 12, 14) along with the shifting shaft (2);

wherein at least the plurality of shifting forks (8, 10, 12, 14) and other elements (2, 8, 10, 12, 14, 20, 22) for carrying out the shift are manufactured from a material which has a relatively high structural strength while the elements of the selection apparatus (28, 30, 32, 42, 44, 46) and the at least one blocking apparatus (52) are manufactured of a material which has a less structural strength than the elements (2, 8, 10, 12, 14, 20, 22) for carrying out the shift.